

1871
1872 Survey

Dec 1 1872
Dec 13 1872

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat:

Long:

W.C. 2655 Hyd

No. 1 Survey. Date Oct. 11th 1891.Sigsbee Machine. $\frac{1}{2}$ Reel. Navy.

Turns 48 Cor. + 4 Depth 52 fms.

Shot or lead 35 lbs.

Bottom fine. bk. S.

Bottom temperature 49° -

No. of thermometer 69476 Cor. -

Corrected temperature 49°

Air 50° Surface 55° Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9-48-45 52-00

50-00 9-50-10

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat:

Long:

No. 2 Survey. Date Oct. 11-1891.

Hand lead Machine. — Reel. —

Turns — Cor. + — Depth 24½ fms.

Shot or lead 14 lbs.

Bottom soft

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature —

Air 50

Surface 55

Drift

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10-03-00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

^{507.} Lat. 2657 Long.
 No. 3 Survey. Date Oct. 11-1891.
 Hand lead. Machine. Reel.

Turns — Cor. + — Depth 20 $\frac{1}{4}$ fms.

Shot or lead 14 lbs.

Bottom S/H

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 55 | Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-05-00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 26 58 *Long:*
No. 4 Survey. Date Oct. 11. 1891.
Hand lead Machine. Reel.

Turns — Cor. + — Depth *15 ¹/₄ fms.*
 Shot or lead *14 lbs.*
 Bottom *sf*
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air *50°* Surface *55°* Drift —
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-07-00</i>	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 5 Survey. Date 11-11-1890
 Hand lead Machine. Reel.
 Turns — Cor. + — Depth 12 fms.
 Shot or lead 14 lbs.
 Bottom S/L-
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air 50° Surface 53° Drift —
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-09.00	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 6 *Survey* Date *July 11 1891*
Hand lead Machine. Reel.
 Turns — Cor. + — Depth *10 fms.*
 Shot or lead *14 lbs.*
 Bottom *Sf*
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air *50* Surface *55* Drift —
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-11-00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

5607. 100 266

11

No. 7 Survey. Date Oct 11-1891.
Haw. Lead Machine. Reel.

Turns — Cor. + — Depth 93 1/2

Shot or lead 14 lbs.

Bottom S/L

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 55° Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
70-13-00		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 2662

Long:

No. 8 Survey Date 11-18-11

Hand lead Machine. Reel.

Turns Cor. + Depth 4 1/2

Shot or lead 14 lbs.

Bottom Sph

Bottom temperature —

No. of thermometer Cor. —

Corrected temperature —

Air 50° Surface 55° Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-15	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

407. *107. 2000*

No. *9* Date *July 11 1891*
Hand lead Machine. Reel.

Turns — Cor. + — Depth *7 1/2 fms*

Shot or lead *14 lbs.*

Bottom *sl-*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *50°* Surface *55°* Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>16-25-</i>	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat: 2664

Long.

No. 10 Survey. Date Oct 11 - 1891.

Hand lead Machine. Reel:

Turns — Cor. + — Depth 9 fms -

Shot or lead 14 lbs.

Bottom S/L

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 55° Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
10-20-	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 12. 26. 5

10. 11. 1891

No. 11 Survey. Date Oct. 11-1891.
 Hais lead Machine. Reel:

Turns — Cor. + — Depth 15 fms

Shot or lead 14 lbs.

Bottom S-1-

Bottom temperature

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 55° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-21-	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

g.c.
C. Lat: 2666

Long:

No. *12* Survey Date *Oct 11 - 1891*

Hand lead Machine. Reel.

Turns — Cor. + — Depth *18 1/2 fms*

Shot or lead *14 lbs.*

Bottom *sf1-*

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air *50.0* Surface *53* Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10-2-3-</i>	—	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

3120
5071 2669

No. 13 Survey Date May 11 1891

Hand lead Machine. Reel.

Turns — Cor. + — Depth 23 1/2 fms.

Shot or lead 14 lbs.

Bottom Sfl-

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 50° Surface 55° Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10-25-	00-	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. *41° 20'*

Long: *71° 11'*

No. *14* Survey. Date *Oct. 11-1891.*

Sigsbee Machine. *#1* Reel. *Navy.*

Turns *50* Cor. + *4* Depth *54 fms.*

Shot or lead *35 lbs.*

Bottom *fk. M.*

Bottom temperature *—*

No. of thermometer *—* Cor. *—*

Corrected temperature *—*

Air *52°* Surface *55* Drift *—*

Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10:40:30</i>	<i>47:30</i>	0		
<i>47:20</i>	<i>10:41:30</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 15 Date

Sigsbee Machine. #1 Reel. Navy.

Turns 68 Cor. + 7

Depth 75 fms.

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer —

Cor. —

Corrected temperature

Air 53° Surface 56° Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10:54.15

58:30

0

55:15

10:56:00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Station 2170*

No. *16* *Survey* Date *Sept 11 1881*

Sigsbee Machine. * / Reel. *1600*

Turns *114* Cor. + *10* Depth *124 fms.*

Shot or lead *35 lbs.*

Bottom *dk. gn. M.*

Bottom temperature *47.5°*

No. of thermometer *69476* Cor. -

Corrected temperature *47.5*

Air *53°* Surface *56°* Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11:09.15</i>	<i>11:11.15</i>	0		
<i>11:08</i>	<i>11:11.15</i>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 17 Survey Date Oct 11 - 1891

Sigsbee Machine. #1 Reel. Navy.

Turns 151 Cor. + 14 Depth 165 fms

Shot or lead 35 lbs.

Bottom gn. M.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 53° Surface 56° Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

23.10 27:30

23.16 26.00

23.45 11:25:00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *10* Date *Oct. 11-1891*
Sigsbee Machine. *2* / Reel. *Hand*
 Turns *195* Cor. + *18* Depth *213 fms.*
 Shot or lead *35 lbs.*
 Bottom *dk. gn. M.*
 Bottom temperature *46.1*
 No. of thermometer *69476* Cor. -
 Corrected temperature *46.1*
 Air *53* Surface *56* Drift -
 Trawl or dredge -

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*38:30**11.39:30*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

21.2	5.78	2500	
19.5	5.1	2600	
<u>4587</u>	15	2700	
	<u>195</u>	2800	
	213	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *17* Date *Nov 11-1891*
 Machine. / Reel. *1*
 Turns *244* Cor. + *22* Depth *266 fms.*
 Shot or lead *60 lbs.*
 Bottom *fm. m.*
 Bottom temperature *—*
 No. of thermometer *—* Cor. *—*
 Corrected temperature *—*
 Air *53°* Surface *56°* Drift *—*
 Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>11:51:00</i>	<i>17.00.20</i>	0		
<i>52:05</i>	<i>59:30</i>	100		
<i>53:15</i>	<i>11:51:00</i>	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

21722	228	2500	
<u>244</u>	<u>206</u>	2600	
4538	22	2700	
	<u>200</u>	2800	
	26.6	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 26 7 4

Long:

No. array Date October 11th 1891

Dugan Machine. #1 Reel. Mary.

Turns 323 Cor. + 29 Depth 352

Shot or lead 60 lbs

Bottom

Bottom temperature 53

No. of thermometer Cor. —

Corrected temperature 52

Air 54 Surface 53 Drift

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12-07-35	15-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

117	11	2500	
373	1	2600	
516	5	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 21 Date 1881
 Machine. 7 1/2 Reel. Star
 Turns 355 Cor. + 33 Depth 388
 Shot or Lead 35 lbs
 Bottom - 6 m
 Bottom temperature
 No. of thermometer Cor.
 Corrected temperature -
 Air 54 Surface 51 Drift
 Trawl or dredge -

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-24-15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

47	52	2500	
33	11	2600	
6	2	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2676* - Long: *Long*
 Date *October 11 1891*
 Machine. / Reel.

Turns *405* Cor. + *37* Depth *442*

Shot or lead *60 lbs.*

Bottom *fine gy. s.*

Bottom temperature

No. of thermometer *67476* Cor. -

Corrected temperature *39.5*

Air *54°* Surface *53°* Drift

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4782	528	2500	
405	191	2600	
4377	37	2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Oct 11 1891

P.

No. 13 Current Date October 11th 1891

Machine. 1 Reel.

Turns Cor. + Depth 377

Shot or lead 60

Bottom gy

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 54 Surface 56 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
1-13-45	22:30	0		
15-0	21-15	100		
16-15	20-45	200		
17-35	20-0	300		
18-0	1-19-50	400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2878.

Pong:

No.

Surrey Date October 11th 1891

Sigsbee

Machine. #1 Reel.

Kang.

Turns 568 Cor. + 50

Depth 618

Shot or lead 60 lbs.

Bottom br. sh. & S

Bottom temperature 39°

No. of thermometer 69476 Cor. —

Corrected temperature

Air 55 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

1-40-45

55-15

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

110 1-1

Machine. #1

Reel.

Navy

Turns 508 Cor. + 45

Depth

548

Shot or lead 60 lb.

Bottom cr. m. s.

Bottom temperature 40 -

No. of thermometer 69476 Cor. -

Corrected temperature 40°

Air 55 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
15-56	26-30	100		
17-0	25-30	200		
	24-30	300		
18	23-30	400		
20-30	22-35	500		
		550		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1071 *P. A. - 26.9.*

Long.

No. *26* Survey Date

Figulus Machine. *711* Reel.

Turns *500* Cor. + *6.8* Depth

868

Shot or lead *60 lb*

Bottom *fr. m. & S.*

Bottom temperature *37*

No. of thermometer *1* Cor. *-*

Corrected temperature *37*

Air *55* Surface *55* Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. *Reel. Man*Turns *474* Cor. + *42* Depth *1486*Shot or lead *60 lb*

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air *55* Surface *55* Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	<i>P. N.</i> UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
474	2600	
<u>4308</u>	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. 1881. 266.

No. 28 Survey Date Dec

Machine. — Reel. —

Turns 610 Cor. + 53 Depth 663

Shot or lead 60 lbs

Bottom fine m. s.

Bottom temperature 38.0

No. of thermometer 69476 Cor. —

Corrected temperature 38.0

Air 55 Surface 55 Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Jan 21 1889*
 No. *29* Date *Jan 11 1889*
 Machine. *Sigsbee* Reel. *A*
 Turns *709* Cor. + *61* Depth *770 fms*
 Shot or lead *60 lbs.*
 Bottom *br M. S.*
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air *54* Surface *53* Drift —
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
	<i>39.55</i>	600		
		700		
<i>37.20</i>	<i>38.30</i>	<i>800</i>		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

		2500	
		2600	
		2700	
		2800	
		2900	
		3000	
		3100	
127	471	3200	
166	709	3300	
62	4073	3400	
709		3500	
771		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 1035 Cor. +

87

Depth

1122

Shot or lead

60 lbs

Bottom

br. M. S.

Bottom temperature

35.5

No. of thermometer

69476

Cor. -

Corrected temperature

35.5

Air

54

Surface

54

Drift

Trawl or dredge -

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

41.20	04.10	100
42.30	03.40	200
43.35	03.40	300
44.40	12.50	400
45.45	16.00	500
46.50	7.00.00	600
47.55	18.00	700
49.25	57.45	800
		900
		1000
		1100
		1200
		1300
		1400
		1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

	4782	2500		
	1635	2600		
	3047	2700		
		2800		
		2900		
	4782	3000		
	1635	3100		
	3047	3200		
		3300		
	4782	3400	4782	2500
	1635	3500	1635	100
	3047	3600	3047	87
		3700		1035
		3800		1122
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 265

No. 31 Survey Date OCT 11-1891

Machine. Reel. Navy.

Turns 1317 Cor. + 107 Depth 1424 fms.

Shot or lead 60 lbs.

Bottom br. M.

Bottom temperature 35.1

No. of thermometer 69476 Cor. -

Corrected temperature 35.1

Air 55 Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

44:00		0	
44:15		100	
44:30		200	
44:45		300	
45:00		400	
45:15		500	
45:30		600	
45:45		700	
46:00		800	
52:45	06:10	900	
54:00	05.00	1000	
55:10	03.3	1100	
		1200	
57:00	00.3	1300	
58:00	9.00	1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

4782	228	2500	
1317	121	2600	
3465	142	2700	
	151	2800	
	161	2900	
	171	3000	
	181	3100	
	191	3200	
	201	3300	
	211	3400	
	221	3500	
	231	3600	
	241	3700	
	251	3800	
	261	3900	
	271	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Thermometer easily checked
by Kelp's large
... ..
... ..

No. 2 Date 11-1-91

Machine. 41 Reel. Van.

Turns 479 Cor. + 118 Depth 597

Shot or lead 60 lbs.

Bottom fm. M.

Bottom temperature 35°

No. of thermometer 476 Cor. -

Corrected temperature 35°

Air 55 Surface 55 Drift —

Trawl or dredge —

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

10:46:30	23:20	0		
47:30	22:30	100		
48:30	21:40	200		
49:30	20:45	300		
50:30	19:50	400		
51:30	18:55	500		
52:30	17:50	600		
53:30	16:45	700		
54:30	15:35	800		
		900		
		1000		
		1100		
		1200		
	09:00	1300		
		1400		
27:30	11:40	1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

4782	228	2500	
1479	110	2600	
3361	118	2700	
	1479	2800	
	1577	2900	
		3000	
		3100	
		3200	
		3300	
		3400	
		3500	
		3600	
		3700	
		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Survey Date

Machine.

Reel.

Turns 1540 Cor. + 121 Depth 1661 fms.

Shot or lead 60 lb.

Bottom m.m.

Bottom temperature 35.5

No. of thermometer 69476 Cor. -

Corrected temperature 35.5

Air 55 Surface 55 Drift —

Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-50-45	1-33-15	0
52-15	31-45	100
53-15	30-30	200
54-30	29-15	300
55-0	28-0	400
57-10	26-40	500
58-15	25-15	600
59-45	24-15	700
1 01-0	23-0	800
2-15	22-0	900
3-35	21-0	1000
05-5	19-45	1100
06-15	18-30	1200
08-20	17-15	1300
09-45	16-0	1400
11-25	14-45	1500
		1600
		1700
		1800
		1900
		2000
		2100
		2200
		2300
		2400

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
66
67
68
69
70
71
72
73
74
75
76
77
78
79
80
81
82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
98
99
100

4,82	228	2500		
1,	1	2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
	4454	3500	4454	
	1540	3600	1540	106
		3700	3242	1
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Surrey Date

Machine.

Reel.

Vary

Turns 1780 Cor. +

127

Depth 1907 fms

Shot or lead 60

Bottom

Bottom temperature

35°

No. of thermometer

69476

Cor. -

Corrected temperature

35°

Air

56

Surface

54

Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4 21.10 07.30

0

22.00 11.25

100

23.20 11.40

200

24.02 04.45

300

25.55 03.55

400

27.00 03.00

500

28.10 02.10

600

29.00 01.17

700

30.00 5 00.20

800

900

33.40 58.00

1000

34.57 57.18

1100

36.15 56.20

1200

37.00 55.00

1300

39.00 53.30

1400

40.30 52.12

1500

42.05 50.56

1600

43.20 48.40

1700

44.00 47.20

1800

1900

2000

2100

2200

2300

2400

1780	114	2500	
270	127	2600	
		2700	
		2800	
		2900	
		3000	
		3100	
		3200	
		3300	
201	4482	3400	
74	1780	3500	
127	2702	3600	
1780		3700	
1907		3800	
		3900	
		4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *507* Date *June 1*
Sigsbee Machine. #1 Reel. Name *Nautilus*
 Turns *1852* Cor. + *131* Depth *1983*
 Shot or lead *60 lb*
 Bottom *fine red mud*
 Bottom temperature *35°*
 No. of thermometer *69476* Cor. *-*
 Corrected temperature *35°*
 Air *55* Surface *55* Drift *-*
 Trawl or dredge *-*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	<i>23.15</i>	0		
	<i>22.25</i>	100		
<i>36.45</i>	<i>21.35</i>	200		
<i>37.55</i>	<i>20.40</i>	300		
<i>39.05</i>	<i>20.00</i>	400		
<i>40.15</i>	<i>19.00</i>	500		
<i>41.30</i>	<i>18.00</i>	600		
		700		
<i>44.00</i>	<i>15.00</i>	800		
<i>45.15</i>	<i>14.10</i>	900		
<i>46.35</i>	<i>13.00</i>	1000		
<i>47.55</i>	<i>11.30</i>	1100		
<i>49.10</i>	<i>10.20</i>	1200		
<i>50.30</i>	<i>09.40</i>	1300		
<i>52.00</i>	<i>07.20</i>	1400		
<i>53.30</i>	<i>04.10</i>	1500		
<i>55.00</i>	<i>03.25</i>	1600		
<i>56.30</i>	<i>02.55</i>	1700		
<i>58.00</i>	<i>0.00.00</i>	1800		
<i>58.30</i>	<i>59.00</i>	1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		1852	201	
50		1853		
100		1854		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 26 43 Long. 121 17 - 1891
 No. 21 Date
 Sigsbee Machine. Reel. Navy.

Turns Cor. + 135 Depth 200

Shot or lead

Bottom gy. oz.

Bottom temperature

No. of thermometer 6947 Cor.
 250

Corrected temperature

Air 55 Surface 54 Drift—

Trawl or dredge—

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
		0		
46:30	35-10	100		
47:20	34-20	200		
48:45	33-40	300		
49:45	32-50	400		
51:00	32-00	500		
52:15	31-05	600		
53:00	30-00	700		
54:00	29-05	800		
55:00	28-00	900		
57:10	27-10	1000		
58:10	26-20	1100		
59:45	24-00	1200		
9-01-00	22-30	1300		
02-30	20-45	1400		
03-50	18-40	1500		
05-15	16-45	1600		
05	15-10	1700		
08-15	13-30	1800		
09-45	12-10	1900		
10-10	9-11-30	2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 241

Long.

No. 1 Date Oct 12-1891

Machine. Reel.

Turns 1996 Cor. + 116 Depth 2112 fms

Shot or lead 60 lbs.

Bottom 77-05

Bottom temperature 34

No. of thermometer 69476 Cor. -

Corrected temperature 34.8

Air 57 Surface 56 Drift -

Trawl or dredge -

SOUNDING WIRE.

DREDGE ROPE.

TURNS.

DOWN.

UP.

DOWN.

UP.

11-32-35

0

34-45

100

200

300

36-45

16-5

400

37-45

500

38-00

600

700

41-0

800

42-05

11

900

43-15

1000

44

1100

45-35

1200

1300

8-00

12-5

1400

49-20

1500

50-4

1600

2-00

1-05

1700

3-20

12-00-30

1800

54-40

59-05

1900

56-00

11-57-30

2000

2100

2200

2300

2400

4-11-12	2-11	2500	
1-11-12	1-11	2600	
2-11-12	1-11	2700	
3-11-12	1-11	2800	
4-11-12	1-11	2900	
5-11-12	1-11	3000	
6-11-12	1-11	3100	
7-11-12	1-11	3200	
8-11-12	1-11	3300	
9-11-12	1-11	3400	
10-11-12	1-11	3500	
11-11-12	1-11	3600	
12-11-12	1-11	3700	
1-12-12	1-11	3800	
2-12-12	1-11	3900	
3-12-12	1-11	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507. *Oct. 21 1884* *Long.*

No. *211144* Date

Machine. Reel.

Turns *2185* Cor. + *148* Depth *2333*

Shot or lead *35*

Bottom

Bottom temperature

No. of thermometer *7210* Cor. -

Corrected temperature *35°*

Air *55°* Surface *53°* Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
	<i>0-0</i>	500		
		600		
		700		
	<i>1-30</i>	800		
	<i>5-20</i>	900		
	<i>0-30</i>	1000		
	<i>02-30</i>	1100		
		1200		
	<i>7-0</i>	1300		
	<i>2-50</i>	1400		
	<i>1-50</i>	1500		
	<i>3</i>	1600		
<i>7-55</i>	<i>52-50</i>	1700		
<i>39-25</i>	<i>51-30</i>	1800		
<i>2</i>	<i>50-15</i>	1900		
<i>2</i>	<i>48-0</i>	2000		
<i>44-5</i>	<i>46-30</i>	2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
600	2900	
	3000	
	3100	
1000	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *2182* Date *Aug 1*
Sigsbee Machine. *21* Reel. *NAVY*
 Turns *2182* Cor. + *148* Depth *2330*
 Shot or lead *60 lbs.*
 Bottom *gy. oz.*
 Bottom temperature *35.0*
 No. of thermometer *69476* Cor. —
 Corrected temperature *35.0*
 Air *59* Surface *56* Drift —
 Trawl or dredge —

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.09.30	03.00	0		
10.30	02.25	100		
13.0	01.45	200		
12.35	01.05	300		
13.40	00.40	400		
14.50	59.30	500		
16.05	58.40	600		
17.25	57.45	700		
18.40	56.50	800		
20.00	55.50	900		
21.0	54.50	1000		
22.140	53.50	1100		
23.0	52.50	1200		
25.30	51.45	1300		
26.00	50.45	1400		
27.20	49.45	1500		
28.55	48.40	1600		
30.00	47.50	1700		
		1800		
31.25	46.40	1900		
32.00	45.40	2000		
33.20	44.20	2100		
34.40	43.00	2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	58.1	69476	0.0	58.1
50	57.1	69477	0.0	57.1
100	47.7	69478	0.0	47.2
200	43.0	69479	-0.1	43.0
300	41.7	69480	0.0	41.7
400	40.1	69481	0.0	40.1
500	39.4	69482	-0.2	39.4
600	38.7	69483	-0.1	38.7
700	38.7	69484	+0.1	38.7
800	38.0	69485	0.0	38.0
900	37.1	69486	+0.1	37.1
1000	36.1	69487	0.0	36.1

REMARKS:

+ 69488

No.

Date

Machine.

Reel.

Turns 2282 Cor. + 152 Depth 2434

Shot or lead: 60 lbs

Bottom

Bottom temperature

No. of thermometer 69476 Cor. -

Corrected temperature 3.5

Air 58 Surface 59 Drift

Trawl or dredge

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

8-55-0	57-0	0
	5-10	100
	17-10	200
	16-10	300
9-0-50	52-0	400
	3-20	500
	52-35	600
	1-1-30	700
	40-15	800
		900
	47-0	1000
	45-35	1100
	44-15	1200
		1300
		1400
	40-0	1500
16-50	38-30	1600
		1700
14-45	35-35	1800
1-15	34-15	1900
		2000
14-05	31-0	2100
25-33	28-33	2200
	28-30	2300
		2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

2-

Machine 1 Reel. *W. A. R. L.*

Turns 2278 Cor. + 152 Depth 2430

Shot or lead

Bottom

Bottom temperature

No. of thermometer 64476 Cor. -

Corrected temperature 35°

Air 58 : Surface 57 : Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

11-47-30	149.20	0		
48-30	48.40	100		
49-00	48.50	200		
51-00	47.10	300		
	111.25	400		
	45.25	500		
	44.00	600		
	43.30	700		
7-15	42.30	800		
58-15	41.30	900		
60-15	40.20	1000		
61-15	39.10	1100		
02-00	38.00	1200		
03-30	36.15	1300		
05-05	35.30	1400		
06-45	34.05	1500		
08-15	32.30	1600		
09-50	31.30	1700		
11-15	30.05	1800		
12-40	28.35	1900		
14-05	27.10	2000		
15-30	25.50	2100		
16-55	24.45	2200		
17-50	24.20.10	2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4472	2.2	
50		2222	2.2	
100		2204	2.2	
200			2.2	
300			2.2	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 42 *Purvey* Date *Oct 10*

Sigsbee Machine. *#1* Reel.

Turns *2390* Cor. + *157* Depth *2547*

Shot or lead *60 lb.*

Bottom *gy. v. br. s.*

Bottom temperature *35.0*

No. of thermometer *67476* Cor. *-*

Corrected temperature *35.0*

Air *58* Surface *57* Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 442 Date 170 17 12-1891
Machine. #1 Reel. 1st

Turns 157 Cor. + Depth 257

Shot or lead 60 lbs.

Bottom mv. & gy. Oz.

Bottom temperature 35°

No. of thermometer 69476 Cor. -

Corrected temperature 35

Air 58 Surface 57 Drift -

Trawl or dredge -

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5:43-30	09-00	0		
45-00	08-00	100		
46-15	07-15	200		
47-30	06-30	300		
48-45	05-30	400		
50-00	04-30	500		
51-15	03-30	600		
52-45	02-30	700		
54-00	01-20	800		
		900		
7-00	58-30	1000		
58-30	57-15	1100		
6-00-00	55-30	1200		
61-20	54-00	1300		
62-45	51-00	1400		
64-15	48-30	1500		
65-45	45-00	1600		
67-30	41-30	1700		
69-00	37-45	1800		
70-45	34-30	1900		
72-20	32-00	2000		
74-00	28-00	2100		
75-45	26-00	2200		
77-30	24-00	2300		
79-15	6-22-00	2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. / Reel.

Turns 2409 Cor. +

157

Depth 2566 fms

Shot or lead 60

Bottom

Bottom temperature

No. of thermometer

Cor. -

Corrected temperature 35°

Air 62 Surface 62 Drift

Trawl or dredge -

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. ⁻¹¹ Reel. 21

Turns 2417 Cor. + 157 Depth 2574

Shot or lead 60 lb

Bottom br. or

Bottom temperature 13.44

No. of thermometer 69476 Cor. -

Corrected temperature 37.9

Air 61 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns 2412 Cor. + 157 Depth 2569

Shot or lead 6

Bottom fine

Bottom temperature 34.1

No. of thermometer 69476 Cor. -

Corrected temperature 34.9

Air 62 Surface 62 Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

2:15-45

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		6482	2.31	
50		6412	44	
100		2170	157	
200			2.21	
300			2.21	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *47* Date *Sept 13-1891*
 Machine. *Sigsbee* Reel. *1*
 Turns *210* Cor. + *110* Depth *225 fms.*
 Shot or lead *60 lbs.*
 Bottom *bn. oz.*
 Bottom temperature *35°*
 No. of thermometer *69476* Cor. *-*
 Corrected temperature *35*
 Air *62* Surface *62* Drift *—*
 Trawl or dredge *—*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>5:00-30</i>	<i>02-30</i>	<i>0</i>		
<i>04-20</i>	<i>01-45</i>	<i>100</i>		
<i>05-15</i>	<i>6-01-00</i>	<i>200</i>		
<i>06-15</i>	<i>59-50</i>	<i>300</i>		
<i>07-15</i>	<i>58-45</i>	<i>400</i>		
<i>08-20</i>	<i>57-45</i>	<i>500</i>		
<i>09-30</i>	<i>56-45</i>	<i>600</i>		
	<i>55-45</i>	<i>700</i>		
<i>11-45</i>	<i>55-00</i>	<i>800</i>		
<i>13-00</i>	<i>54-00</i>	<i>900</i>		
<i>14-15</i>	<i>53-00</i>	<i>1000</i>		
<i>15-30</i>	<i>52-15</i>	<i>1100</i>		
<i>16-45</i>	<i>51-15</i>	<i>1200</i>		
<i>18-00</i>	<i>50-15</i>	<i>1300</i>		
<i>19-15</i>	<i>49-00</i>	<i>1400</i>		
<i>20-30</i>	<i>48-00</i>	<i>1500</i>		
<i>21-45</i>	<i>47-00</i>	<i>1600</i>		
<i>23-15</i>	<i>46-00</i>	<i>1700</i>		
<i>24-30</i>	<i>45-00</i>	<i>1800</i>		
		<i>1900</i>		
<i>27-00</i>	<i>42-20</i>	<i>2000</i>		
<i>28-30</i>	<i>41-00</i>	<i>2100</i>		
<i>30-00</i>	<i>39-45</i>	<i>2200</i>		
<i>31-15</i>	<i>38-30</i>	<i>2300</i>		
<i>-45</i>	<i>5.00</i>	<i>2400</i>		

5-34-5		2500		
		2600		
		2700	1.988	1
		2800		
		2900	2.494	4-8
		3000	160	
			26.54	
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. *48* *Survey* DateMachine. *1* Reel. *1*Turns *2475* Cor. + *135* Depth *2577*Shot or lead *60 lb.*Bottom *bn. oz.*Bottom temperature *35°*No. of thermometer *69476* Cor.Corrected temperature *35°*Air *61°* Surface *62°* Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
20		900		
01 10		1000		
08 05		1100		
15 15		1200		
18 30		1300		
21 00		1400		
23 55		1500		
26 35		1600		
29 20		1700		
32 35		1800		
35 50		1900		
39 10		2000		
42 30		2100		
45 50		2200		
49 10		2300		
52 30		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4452		
50		2110	43'	
100		1581	158	
200				
300			277	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lat. 29.03 - Long.
 No. 49 Survey Date Oct. 13, 1891
 Sigbee Machine. #1 Reel. Navy
 Turns 2378 Cor. + 15.5 Depth 2533 fms.
 Shot or lead 60 lb
 Bottom br. oz.
 Bottom temperature therm. can in foul.
 No. of thermometer 69476 Cor. —
 Corrected temperature —
 Air 61 Surface 62 Drift
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.50.15	55.00	0		
57.25	53.45	100		
52.20	52.35	200		
53.20	51.25	300		
54.20	50.10	400		
55.20	48.50	500		
56.20	47.35	600		
57.20	46.05	700		
58.25	44.35	800		
59.30	43.10	900		
11.00.35	41.45	1000		
01.45	40.20	1100		
02.52	38.50	1200		
04.00	37.20	1300		
05.10	35.45	1400		
06.20	34.05	1500		
07.35	32.30	1600		
08.55	30.50	1700		
10.00	29.10	1800		
11.20	27.25	1900		
12.35	25.45	2000		
13.50	24.05	2100		
15.10	22.25	2200		
16.30	20.45	2300		
17.30	11.18.00	2378		
		2400		

4482
2378
2104

201
46
155
2378

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		4482	201	
50		2378	46	
100		2104	155	
200			2378	
300			2533	
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12.58.30

12.59.30

1.00.40

02.55

04.00

05.05

06.15

07.20

08.35

09.45

11.05

12.30

14.05

15.20

16.50

18.15

19.50

21.10

22.40

24.05

25.30

26.50

28.30

30.05

31.35

2000

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

12.58.30

12.59.30

1.00.40

02.55

04.00

05.05

06.15

07.20

08.35

09.45

11.05

12.30

14.05

15.20

16.50

18.15

19.50

21.10

22.40

24.05

25.30

26.50

28.30

30.05

31.35

$$\begin{array}{r} 201 \\ 35 \\ \hline 166 \end{array}$$

$$\begin{array}{r} 4807 \\ 2627 \\ \hline 2180 \end{array} \quad \begin{array}{r} 2027 \\ 166 \\ \hline 2193 \end{array}$$